Remarks:

Claims 24-34 are pending. Claims 24-34 stand rejected.

Specification

As requested, a new Abstract has now been enclosed.

Priority

The Examiner has acknowledged receipt of papers submitted under 35 U.S.C. 119. Applicants respectfully request, however, that the Examiner also acknowledge receipt of the certified copies of the priority documents on the Office Action summary.

Drawings

As requested, Figures 11, 17, 24 and 27-30 have been designated with the legend of "Prior Art".

Applicants respectfully submit that Figures 1-7, 10 and 18 are used to describe the present invention and, therefore, are not part of the prior art.

Election/Restrictions

As requested, Applicants have now cancelled withdrawn claims 1-23.

Section 112 Rejections

Claims 31-34 have now been amended so that they have proper antecedent basis.

Section 102 Rejections

Claim 24 has been rejected as being anticipated by either Smyers or Ogino. Applicants respectfully submit that this rejection is overcome for the reasons set forth below.

Amended claim 24 now includes features which are not suggested by either of cited references, namely:

- ...the data sink determines whether the data source is outputting output data to the IEEE 1394 bus using broadcast transmission,
- in the case where the data source is outputting the output data to the IEEE 1394 bus using broadcast transmission, the **data sink starts receiving the output data without establishing a point to point connection to the data source**,
- and [the data sink] **uses only the broadcast transmission to receive the output data**.

Basis for amended claim 24 may be seen, for example, in the specification at page 71, lines 14-20. As described, when the data sink is a personal computer, such as a PC 701, the data sink does not change the channel number and does not allocate the resource for the IEEE 1394 bus. **That is, the point-to-point connection is not established and only the broadcast transmission is used.**

The features of the invention, as recited in amended claim 24, provide an advantage, because the PC may release resources allocated by it, but cannot release

resources allocated by other devices. By using **only** the broadcast transmission to receive the output data from a data source, the resources of the IEEE bus may be correctly allocated and released, regardless of the order of performing the start/stop of reception by the PC (data sink) and the start/stop of regeneration by the data source. This is discussed, for example, in the specification at page 73, lines 1-7.

The Office Action states that Smyers discloses transmitting data using isochronous data packets which are broadcast packets. The Office Action further states that when a device communicates using isochronous packets, it does not perform point-to-point communication. Applicants respectfully note that in accordance with the IEEE 1394 standard, **both isochronous transmission and asynchronous transmission may be used**.

In accordance with the IEC 61883 standard, however, only isochronous transmission may be used for transmitting data. Furthermore, both broadcast connection and point-to-point connection may be used to transmit the data. The broadcast connection is performed to enable one-to-many data transmissions, while the point-to-point connection is performed to enable one-to-one data transmissions.

Accordingly, in accordance with the IEC 61883 standard Smyers may use **both broadcast connection and point-to-point connection**. Smyers, therefore, does **not** disclose or suggest when the data source is outputting data using broadcast transmission, the data sink starts receiving the output data **without establishing a point-to-point connection and uses only broadcast transmission to receive the output data**.

Similarly, Ogino at column 17, line 62, to column 18, line 12, discloses using **both** point-to-point procedures and broadcast procedures. Thus, Ogino discloses a connection that may be a broadcast connection and a connection that may be a

point-to-point connection. Ogino, however, does **not** disclose that when a data sink determines that a data source is outputting data using broadcast transmission, the data sink starts receiving the output data without establishing a point to point connection and **uses only the broadcast transmission to receive the output data**. This limitation of using **only** the broadcast transmission to receive output data is not disclosed by Ogino.

Favorable reconsideration is requested for amended claim 24. Dependent claims 25-34 depend from amended claim 24 and are, therefore, not subject to rejection in view of the cited references for at least the same reasons set forth for amended claim 24. Favorable reconsideration is requested.

Information Disclosure Statement (IDS)

Applicants submitted an IDS on October 16, 2003 which has not been acknowledged by the Examiner. A copy of the IDS, with a stamped return postcard, has now been enclosed. Applicants respectfully request that the Examiner acknowledge the copy of the IDS.

Conclusion

Claims 24-34 are in condition for allowance.

Respectfully submitted,

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JJJ/fp/dmw/dm

Attachments: Figures 11, 17, 24, 27-30 (7 sheets)
Abstract
Copy of IDS (with return stamped postcard)

Dated: June 30, 2004

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The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

June 30, 2004
Danielle Murphy